

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of:
Hidemi KURIHARA et al.

Application No.: 10/571,069

Confirmation No.: 2459

Filed: December 7, 2006

Art Unit: UNKNOWN

For: THERAPEUTIC AGENT AND THERAPEUTIC
METHOD FOR PERIODONTAL DISEASES
AND PULPAL DISEASES

Examiner: UNKNOWN

**LETTER SUBMITTING REVOCATION OF POWER OF ATTORNEY AND
NEW POWER OF ATTORNEY AND CHANGE OF CORRESPONDENCE ADDRESS**

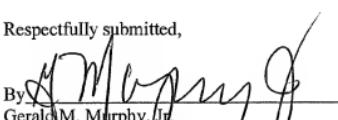
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Attached here to are "Revocation of Power of Attorney and New Power of Attorney and Change of Correspondence Address" forms executed by the Assignees of the above-identified application. It is respectfully requested that all future correspondence be sent to the address associated with Customer Number 02292.

Dated: FEB 08 2007

Respectfully submitted,

By 
Gerald M. Murphy, Jr.
Registration No.: 28,977
BIRCH, STEWART, KOLASCH & BIRCH, LLP
8110 Gatehouse Road, Suite 100 East
P.O. Box 747
Falls Church, Virginia 22040-0747
(703) 205-8000
Attorney for Applicant

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of:
Hidemi KURIHARA et al.

Application No.: 10/571,069

Confirmation No.: 2459

Filed: March 8, 2006

Art Unit: Not Yet Assigned

For: THERAPEUTIC AGENT AND THERAPEUTIC
METHOD FOR PERIODONTAL DISEASES
AND PULPAL DISEASES

Examiner: Not Yet Assigned

**REVOCATION OF POWER OF ATTORNEY
AND NEW POWER OF ATTORNEY AND
CHANGE OF CORRESPONDENCE ADDRESS**

Director of the US Patent and Trademark Office
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

The undersigned appointed Drinker, Biddle & Reath LLP (Customer No. 055694) as our attorneys to prosecute an application for Letters Patent, which application was filed on March 8, 2006, for an invention entitled THERAPEUTIC AGENT AND THERAPEUTIC METHOD FOR PERIODONTAL DISEASES AND PULPAL DISEASES, Application No. 10/571,069. The undersigned hereby revokes the Power of Attorney then given, and hereby appoints the following attorneys and/or agents to prosecute this application and transact all business in the U.S. Patent and Trademark Office connected therewith: all practitioners at Customer Number 02292.

Address all future communications to:

Customer Number 02292
BIRCH, STEWART, KOLASCH & BIRCH LLP
P.O. Box 747
Falls Church, VA 22040-0747
(703) 205-8000

For: Two Cells Co. Ltd.

Koichiro Tsuji

Signature

Dated: January 26, 2007

Koichiro TSUJI / President & CEO

Printed Name and Title

STATEMENT UNDER 37 CFR 3.73(b)

Applicant/Patent Owner: Hidemi KURIHARA et al

Application No /Patent No: 10/571,069 Filed/Issue Date: March 8, 2006

Entitled **THERAPEUTIC AGENT AND THERAPEUTIC METHOD FOR PERIODONTAL DISEASES AND PULPAL DISEASES**

TWO CELLS CO. LTD. , a corporation

(Name of Assignee) _____ (Type of Assignee, e.g., corporation, partnership, university, government agency, etc.) _____

states that it is:

1 the co-assignee of the entire right, title, and interest; or
2 an assignee of less than the entire right, title and interest.

The extent (by percentage) of its ownership interest is _____ % in the patent application/patent identified above by virtue of either:

A. An assignment from the inventor(s) of the patent application/patent identified above. The assignment was filed in the USPTO on December 7, 2006.

28

B A chain of title from the inventor(s), of the patent application/patent identified above, to the current assignee as shown below:

1 From _____ To _____
The document was recorded in the United States Patent and Trademark Office at
Reel _____, Frame _____, or for which a copy thereof is attached.

2 From _____ To _____
The document was recorded in the United States Patent and Trademark Office at
Reel _____, Frame _____, or for which a copy thereof is attached.

3. From _____ To _____
The document was recorded in the United States Patent and Trademark Office at

Additional documents in the chain of title are listed on a supplemental sheet

Copies of assignments or other documents in the chain of title are attached.
[NOTE: A separate copy (i.e., a true copy of the original assignment document(s)) must be submitted to Assignment Division in accordance with 37 CFR Part 3, if the assignment is to be recorded in the records of the USPTO. See MPEP 302.08.]

The undersigned (whose title is supplied below) is authorized to act on behalf of the assignee.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true, and further that these statements were made with the knowledge that willful false statements and that so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may bear upon the validity of the application or any patent issued thereon.

X Keiichiro Tsuji
Signature

January 26, 2007

• Rain

Koichiro TSUJI

Telephone Numbers

Printed or Typed Name

Telephone Numbers

Attorney Docket No.: 47980-5001

To the Commissioner for Patents
Please record the attached original documents or copy thereof.

ATTN: MAIL STOP ASSIGNMENT RECORDATION SERVICES

1. Name of conveying party(ies):

- 1) Hidemi KURIHARA
- 2) Hiroyuki KAWAGUCHI
- 3) Katsuhiro TAKEDA
- 4) Hideki SHIKA
- 5) Noriyoshi MIZUNO
- 6) Hiroshi YOSHINO
- 7) Naohiko HASEGAWA
- 8) Hiroaki SHINOHARA

Additional names of conveying party(ies) attached?

 Yes No

2. Name and address of receiving party(ies):

Name & Address:

- 1) TWO CELLS CO. LTD
5-17-501, Danbara 4-chome, Minami-ku, Hiroshima-shi,
Hiroshima 732-0811 Japan

2) Hidemi KURIHARA

27-31, Koigigashi 2-chome,
Nishi-ku, Hiroshima-shi, Hiroshima 733-0811 Japan

3. Nature of conveyance:

Assignment Merger
 Security Agreement Change of Name
 Other _____

Execution Date: (1-8) November 14, 2006

Additional name(s) & address(es) attached?

 Yes No

4. New Application number(s) or patent number(s):

If this document is being filed together with a new application the execution date of the application is:

A. Patent Application No.(s) 10/571,069

B. Patent No.(s)

Additional numbers attached: Yes No5. Name and address of party to whom correspondence
concerning document should be mailed:

Name: Ronald L. Grudziecki

Internal Address: DRINKER BIDDLE & REATH LLP
Customer No. 55694Street Address: 1500 K. Street, N.W., Suite 1100
City: Washington State: D.C. Zip: 20005-1209

6. Total number of applications and patents involved: 1

7. Total fee (37 C.F.R. §3.41): \$40.00

Enclosed
 Authorized to be charged to Deposit Account 50-0573

8. Deposit Account No. 50-0573
(Attach duplicate page if paying by deposit account)

9. Statement and Signature

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Ronald L. Grudziecki, Reg. No. 24,970

Name of Person Signing


Signature

December 7, 2006

Date

Total number of pages including cover sheet, attachments and documents: 3

ATTORNEY DOCKET NO.: 47233-5002
SOLE/Joint INVENTION
(U.S. Rights Only)

ASSIGNMENT

WHEREAS I/We, the below named inventor(s), [hereinafter referred to as Assignor(s)], have made an invention entitled:

**THERAPEUTIC AGENT AND THERAPEUTIC METHOD FOR PERIODONTAL DISEASES
AND PULPAL DISEASES**

for which I/WE executed an application for United States Letters Patent concurrently herewith; or filed a National Stage application for United States Letters Patent on March 8, 2006, (Serial No.10/571,069) based on PCT/JP2004/013023; and

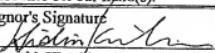
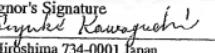
WHEREAS, TWO CELLS CO. LTD, a corporation of Japan, whose post office address is 5-17-501, Danbara 4-chome, Minami-ku, Hiroshima-shi, Hiroshima 732-0811 Japan, and Hidemi KURIHARA, a citizen of Japan, whose post office address is 27-31, Kojigashishi 2-chome, Nishi-ku, Hiroshima-shi, Hiroshima 733-0811 Japan, (hereinafter referred to as Assignee(s)), is desirous of securing the entire right, title, and interest in and to this invention, the application for United States Letters Patent on this invention and the Letters Patent to issue upon this application;

NOW THEREFORE, be it known that, for good and valuable consideration the receipt of which from assignee(s) is hereby acknowledged, I/WE, as assignor(s), have sold, assigned, transferred, and set over, and do hereby sell, assign, transfer, and set over unto the assignee(s), its lawful successors and assigns, MY/OUR entire right, title, and interest in and to this invention and this application, and all divisions, and continuations thereof, and all Letters Patent of the United States which may be granted thereon, and all reissues thereof; and I/WE hereby authorize and request the Commissioner of Patents and Trademarks of the United States to issue all Letters Patent for this invention to assignee(s), its successors and assigns, in accordance with the terms of this Assignment;

AND, I/WE HEREBY further covenant and agree that I/WE will, without further consideration, communicate with assignee(s), its successors and assigns, any facts known to ME/US respecting this invention and testify in any legal proceeding, sign all lawful papers when called upon to do so, execute and deliver all papers that may be necessary or desirable to perfect the title to this invention in said assignee(s), its successors and assigns, execute all divisional, continuation, and reissue applications, make all rightful oaths and generally do everything possible to aid assignee(s), its successors and assigns, to obtain and enforce proper patent protection for this invention in the United States, it being understood that any expense incident to the execution of such papers shall be borne by the assignee(s), its successors and assigns.

AND, I/WE HEREBY authorize and request the attorneys I/WE have empowered in the Declaration and Power of Attorney in this application, to insert here in parenthesis (Application No. 10/571,069, National Stage filed March 8, 2006) the filing date and application number of said application when known.

IN TESTIMONY WHEREOF, I/WE have hereunto set our hand(s).

Full Name of Sole or First Assignor Hidemi KURIHARA	Assignor's Signature 	Date Nov. 14, 2006
Address 27-31, Kojigashishi 2-chome, Nishi-ku, Hiroshima-shi, Hiroshima 733-0811 Japan		Citizenship Japan
Full Name of Second Assignor Hiroyuki KAWAGUCHI	Assignor's Signature 	Date Nov. 14, 2006
Address 1-17-9, Deshio, Minami-ku, Hiroshima-shi, Hiroshima 734-0001 Japan		Citizenship Japan
Names of additional inventors attached	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No

Full Name of Third Assignor Katsuhiro TAKEDA	Assignor's Signature <i>Katsuhiro Takeda</i>	Date Nov. 14, 2006
Address 1-25-8-205, Danbaraminami, Minami-ku, Hiroshima-shi, Hiroshima 732-0814 Japan		Citizenship Japan
Full Name of Fourth Assignor Hideki SHIBA	Assignor's Signature <i>Hideki Shiba</i>	Date Nov. 14, 2006
Address 18-15-602, Higashihakushima-cho, Naka-ku, Hiroshima-shi, Hiroshima 730-0004 Japan		Citizenship Japan
Full Name of Fifth Assignor Noriyoshi MIZUNO	Assignor's Signature <i>Noriyoshi Mizuno</i>	Date Nov. 14, 2006
Address 12-9-302, Hiranomachi, Naka-ku, Hiroshima-shi, Hiroshima 730-0047 Japan		Citizenship Japan
Full Name of Sixth Assignor Hiroshi YOSHINO	Assignor's Signature <i>Hiroshi Yoshino</i>	Date Nov. 14, 2006
Address 2-11-28-703, Kojihommachi, Nishi-ku, Hiroshima-shi, Hiroshima 733-0812 Japan		Citizenship Japan
Full Name of Seventh Assignor Naohiko HASEGAWA	Assignor's Signature <i>Naohiko Hasegawa</i>	Date Nov. 14, 2006
Address 5-25-10-1001, Ujimakanda, Minami-ku, Hiroshima-shi, Hiroshima 734-0004 Japan		Citizenship Japan
Full Name of Eighth Assignor Hiroaki SHINOHARA	Assignor's Signature <i>Hiroaki Shinohara</i>	Date Nov. 14, 2006
Address 2-1-1-1304, Isegaoaka, Fukuyama-shi, Hiroshima 721-0915 Japan		Citizenship Japan
Full Name of Ninth Assignor	Assignor's Signature	Date
Address		Citizenship
Full Name of Tenth Assignor	Assignor's Signature	Date
Address		Citizenship
Full Name of Eleventh Assignor	Assignor's Signature	Date
Address		Citizenship
Names of additional inventors attached	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of:
Hidemi KURIHARA et al.

Application No.: 10/571,069

Confirmation No.: 2459

Filed: March 8, 2006

Art Unit: Not Yet Assigned

For: THERAPEUTIC AGENT AND THERAPEUTIC
METHOD FOR PERIODONTAL DISEASES
AND PULPAL DISEASES

Examiner: Not Yet Assigned

**REVOCATION OF POWER OF ATTORNEY
AND NEW POWER OF ATTORNEY AND
CHANGE OF CORRESPONDENCE ADDRESS**

Director of the US Patent and Trademark Office
P.O. Box 1450
Alexandria, VA 22313-1450

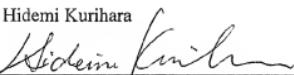
Sir:

The undersigned appointed Drinker, Biddle & Reath LLP (Customer No. 055694) as our attorneys to prosecute an application for Letters Patent, which application was filed on March 8, 2006, for an invention entitled THERAPEUTIC AGENT AND THERAPEUTIC METHOD FOR PERIODONTAL DISEASES AND PULPAL DISEASES, Application No. 10/571,069. The undersigned hereby revokes the Power of Attorney then given, and hereby appoints the following attorneys and/or agents to prosecute this application and transact all business in the U.S. Patent and Trademark Office connected herewith: all practitioners at Customer Number 02292.

Address all future communications to:

Customer Number 02292
BIRCH, STEWART, KOLASCH & BIRCH LLP
P.O. Box 747
Falls Church, VA 22040-0747
(703) 205-8000

For: Hidemi Kurihara



Signature
Hidemi KURIHARA

Dated: January 26, 2007

Printed Name and Title

STATEMENT UNDER 37 CFR 3.73(b)

Applicant/Patent Owner: Hidemi KURIHARA et al.

Application No./Patent No. 10/571,069 Filed/Issue Date: March 8, 2006

Entitled THERAPEUTIC AGENT AND THERAPEUTIC METHOD FOR PERIODONTAL DISEASES AND PULPAL DISEASES

Hidemi KURIHARA

individual

(Name of Assignee) (Type of Assignee, e.g., corporation, partnership, university, government, agency, etc.)

states that it is.

1 the co-assignee of the entire right, title, and interest, or

2 an assignee of less than the entire right, title and interest.

The extent (by percentage) of its ownership interest is _____ %
in the patent application/patent identified above by virtue of either.

A An assignment from the inventor(s) of the patent application/patent identified above. The assignment was filed in the USPTO on December 7, 2006.

OR

B A chain of title from the inventor(s), of the patent application/patent identified above, to the current assignee as shown below:

1. From _____ To: _____
The document was recorded in the United States Patent and Trademark Office at
Reel _____, Frame _____, or for which a copy thereof is attached.

2. From _____ To: _____
The document was recorded in the United States Patent and Trademark Office at
Reel _____, Frame _____, or for which a copy thereof is attached

3. From: _____ To: _____
The document was recorded in the United States Patent and Trademark Office at
Reel _____, Frame _____, or for which a copy thereof is attached.

Additional documents in the chain of title are listed on a supplemental sheet

Copies of assignments or other documents in the chain of title are attached
[NOTE. A separate copy (i.e., a true copy of the original assignment document(s)) must be submitted to Assignment Division in accordance with 37 CFR Part 3, if the assignment is to be recorded in the records of the USPTO. See MPEP 302.08]

The undersigned (whose title is supplied below) is authorized to act on behalf of the assignee
I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true, and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 101 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon


Signature

January 26, 2007

Date

Hidemi KURIHARA
Printed or Typed Name

Telephone Number

Individual
Title

Attorney Docket No.: 47980-5001

To the Commissioner for Patents
Please record the attached original documents or copy thereof.

ATTN: MAIL STOP ASSIGNMENT RECORDATION SERVICES

1. Name of conveying party(ies):

- 1) Hidemi KURIHARA
- 2) Hiroyuki KAWAGUCHI
- 3) Katsuhiro TAKEDA
- 4) Hideki SHIBA
- 5) Noriyoshi MIZUNO
- 6) Hiroshi YOSHINO
- 7) Naohiko HASEGAWA
- 8) Hiroaki SHINOHARA

Additional names of conveying party(ies) attached?

 Yes No

3. Nature of conveyance:

- Assignment Merger
- Security Agreement Change of Name
- Other _____

Execution Date: (1-8) November 14, 2006

2. Name and address of receiving party(ies):

Name & Address:

1) TWO CELLS CO. LTD
5-17-501, Danbara 4-chome, Minami-ku, Hiroshima-shi,
Hiroshima 732-0811 Japan

2) Hidemi KURIHARA

27-31, Koigigashi 2-chome,
Nishi-ku, Hiroshima-shi, Hiroshima 733-0811 Japan

Additional name(s) & address(es) attached?

 Yes No

4. New Application number(s) or patent number(s):

If this document is being filed together with a new application the execution date of the application is:

A. Patent Application No (s) 10/571,069

B. Patent No (s)

Additional numbers attached: Yes No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: Ronald L. Grudziecki

Internal Address: DRINKER BIDDLE & REATH LLP
Customer No. 55694Street Address: 1500 K. Street, N.W., Suite 1100
City: Washington State: D.C. Zip: 20005-1209

6. Total number of applications and patents involved: 1

7. Total fee (37 C.F.R. §3.41): \$40.00 Enclosed
 Authorized to be charged to Deposit Account 50-05738. Deposit Account No. 50-0573
(Attach duplicate page if paying by deposit account)

9. Statement and Signature

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Ronald L. Grudziecki, Reg. No. 24,970

Name of Person Signing


Signature

December 7, 2006

Date

Total number of pages including cover sheet, attachments and documents: 3

ATTORNEY DOCKET NO.: 47233-5002
SOLE/Joint INVENTION
(U.S. Rights Only)

ASSIGNMENT

WHEREAS I/We, the below named inventor(s), [hereinafter referred to as Assignor(s)], have made an invention entitled:

**THERAPEUTIC AGENT AND THERAPEUTIC METHOD FOR PERIODONTAL DISEASES
AND PULPAL DISEASES**

for which I/WE executed an application for United States Letters Patent concurrently herewith; or filed a National Stage application for United States Letters Patent on March 8, 2006, (Serial No.10/571,069) based on PCT/JP2004/013023; and

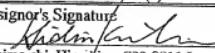
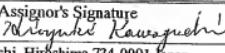
WHEREAS, **TWO CELLS CO. LTD.**, a corporation of Japan, whose post office address is 5-17-501, Danbara 4-chome, Minami-ku, Hiroshima-shi, Hiroshima 732-0811 Japan, and **Hidemi KURIHARA**, a citizen of Japan, whose post office address is 27-31, Koishigashi 2-chome, Nishi-ku, Hiroshima-shi, Hiroshima 733-0811 Japan, (hereinafter referred to as Assignee(s)), is desirous of securing the entire right, title, and interest in and to this invention, the application for United States Letters Patent on this invention and the Letters Patent to issue upon this application;

NOW THEREFORE, be it known that, for good and valuable consideration the receipt of which from assignee(s) is hereby acknowledged, I/WE, as assignor(s), have sold, assigned, transferred, and set over, and do hereby sell, assign, transfer, and set over unto the assignee(s), its lawful successors and assigns, MY/OUR entire right, title, and interest in and to this invention and this application, and all divisions, and continuations thereof, and all Letters Patent of the United States which may be granted thereon, and all reissues thereof; and I/WE hereby authorize and request the Commissioner of Patents and Trademarks of the United States to issue all Letters Patent for this invention to assignee(s), its successors and assigns, in accordance with the terms of this Assignment;

AND, I/WE HEREBY further covenant and agree that I/WE will, without further consideration, communicate with assignee(s), its successors and assigns, any facts known to ME/US respecting this invention and testify in any legal proceeding, sign all lawful papers when called upon to do so, execute and deliver all papers that may be necessary or desirable to perfect the title to this invention in said assignee(s), its successors and assigns, execute all divisional, continuation, and reissue applications, make all rightful oaths and generally do everything possible to aid assignee(s), its successors and assigns, to obtain and enforce proper patent protection for this invention in the United States, it being understood that any expense incident to the execution of such papers shall be borne by the assignee(s), its successors and assigns.

AND, I/WE HEREBY authorize and request the attorneys I/WE have empowered in the Declaration and Power of Attorney in this application, to insert here in parenthesis (Application No. 10/571,069, National Stage filed March 8, 2006) the filing date and application number of said application when known.

IN TESTIMONY WHEREOF, I/WE have hereunto set our hand(s).

Full Name of Sole or First Assignor Hidemi KURIHARA	Assignor's Signature 	Date Nov. 14, 2006
Address 27-31, Koishigashi 2-chome, Nishi-ku, Hiroshima-shi, Hiroshima 733-0811 Japan		Citizenship Japan
Full Name of Second Assignor Hiroyuki KAWAGUCHI	Assignor's Signature 	Date Nov. 14, 2006
Address 1-17-9, Deshio, Minami-ku, Hiroshima-shi, Hiroshima 734-0001 Japan		Citizenship Japan
Names of additional inventors attached	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No

Full Name of Third Assignor Katsuhiro TAKEDA	Assignor's Signature <i>Katsuhiro Takeda</i>	Date Nov. 14, 2006
Address 1-25-8-205, Danbaraminami, Minami-ku, Hiroshima-shi, Hiroshima 732-0814 Japan		Citizenship Japan
Full Name of Fourth Assignor Hideki SHIBA	Assignor's Signature <i>Hideki Shiba</i>	Date Nov. 14, 2006
Address 18-15-602, Higashihakushima-cho, Naka-ku, Hiroshima-shi, Hiroshima 730-0004 Japan		Citizenship Japan
Full Name of Fifth Assignor Noriyoshi MIZUNO	Assignor's Signature <i>Noriyoshi Mizuno</i>	Date Nov. 14, 2006
Address 12-9-302, Hiranomachi, Naka-ku, Hiroshima-shi, Hiroshima 730-0047 Japan		Citizenship Japan
Full Name of Sixth Assignor Hiroshi YOSHINO	Assignor's Signature <i>Hiroshi Yoshino</i>	Date Nov. 14, 2006
Address 2-11-28-703, Kojihonmachi, Nishi-ku, Hiroshima-shi, Hiroshima 733-0812 Japan		Citizenship Japan
Full Name of Seventh Assignor Naohiko HASEGAWA	Assignor's Signature <i>Naohiko Hasegawa</i>	Date Nov. 14, 2006
Address 5-25-10-1001, Ujinakanda, Minami-ku, Hiroshima-shi, Hiroshima 734-0004 Japan		Citizenship Japan
Full Name of Eighth Assignor Hiroaki SHINOHARA	Assignor's Signature <i>Hiroaki Shinohara</i>	Date Nov. 14, 2006
Address 2-1-1-1304, Isegaoka, Fukuyama-shi, Hiroshima 721-0915 Japan		Citizenship Japan
Full Name of Ninth Assignor	Assignor's Signature	Date
Address		Citizenship
Full Name of Tenth Assignor	Assignor's Signature	Date
Address		Citizenship
Full Name of Eleventh Assignor	Assignor's Signature	Date
Address		Citizenship
Names of additional inventors attached	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	